

# WAKE TECH HEALTH SCIENCES

Tel: 919-747-0009  
huskins.waketech.edu

**Start Here. Go Anywhere.**

October 2009

Dear Wake County High School Curriculum Educators,

Spring 2010 Health Sciences Huskin's Cooperative Program planning is underway at Wake Technical Community College. The Huskin's Cooperative Program provides enrichment opportunities for high school students by enrolling in courses not otherwise available to them. The college is continuing its commitment to provide all Wake County High School students with access to Health Sciences Programs by this unique educational opportunity. Your students are allowed to attend select classes on our campus at no tuition cost to the students or your institution! Please share this invitation with them!

Current Health Sciences course offerings:

- Dental Assisting/Dental Hygiene - Dental Infection/Hazard Control - DEN 111
- Nursing Assistant I - NAS 101
- Medical Assisting –Orientation to Medical Assisting - MED 110
- Emergency Medical Technician-Basic - EMS 110 (Fall entry only)
- Medical Laboratory Technology –Introduction to MLT - MLT 110

The Registration and Orientation process:

- High School representatives preregister students for the Orientation by calling Laura Saparilas with the name of the students and the specific course they intend to register.
- **Participating students must attend the orientation session on November 19, 2009. During the orientation, students will be given specific information on enrollment and their field of study. The orientation session will be held from 3:30-5:00 pm at the Health Sciences Campus in the Health Sciences Building (HS), Room 414.**
- Participating students will submit their completed registration documents (Wake Tech Application for Admissions & Dual Enrollment Forms) at the Orientation Session. **Please see the "Student Directions" document for completing these forms.**
- Representatives of each college department will be available at the orientation session for students and CDC/high school teachers' questions.

Attached are:

- Important Dates to Remember
- Details of course offerings
- Student Directions for completing the Wake Tech Application for Admissions & the Dual Enrollment Form
- Contacts for Wake Tech Departments
- Departmental flyers containing specific course and orientation information.
- Required Documentation for Admissions by Department
- Wake Tech Health Sciences map and driving directions to campus

**All courses are taught on the Health Sciences Campus and Spring Semester classes will begin the week of January 25<sup>th</sup>.**

***Be sure to pre-register for the orientation. Please feel free to contact the program's department chair at any time with questions regarding any of our programs.***

**Important Notice: Students who park on campus are required to have a parking decal and are charged and responsible for paying for the \$5.00 Campus Access Fee. In order to park on campus, students will be required to show their WCPSS Student ID or their Wake Tech Huskin's Student ID.**

WAKE TECH  
COMMUNITY COLLEGE

2901 Holston Lane, Raleigh, NC 27610

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**Spring 2010 Huskin's Cooperative Program  
Health Sciences Course Offerings****DEN 111 Dental Infection/Hazard Control****Course Available Fall and Spring Semesters**

This course introduces the infection and hazard control procedures necessary for the safe practice of dentistry. Topics include microbiology, practical infection control, sterilization and monitoring, chemical disinfectants, aseptic technique, infectious diseases, OSHA standards, and applicable North Carolina laws. Upon completion, students should be able to understand infectious diseases, disease transmission, infection control procedures, biohazard management, OSHA standards, and applicable North Carolina laws. This course is required in both the dental assisting and dental hygiene programs at Wake Technical Community College. This course would be beneficial to anyone considering dental assisting, dental hygiene, or dentistry as a career. The student needs access to the internet to meet course requirements.

*Registration Requirements:* Students must be high school juniors or seniors. Classes are one semester long and begin in the Spring and Fall. **Classes meet Wednesdays from 3:00-5:30 pm. Class begins January 27, 2010 in the Health Education Building (HEB), Room 209.**

*Required Text:* Miller, Chris, and Palenik, Charles. Infection Control and Management of Hazardous Materials for the Dental Team. 4th Edition and OSAP - From Policy to Practice - OSAP's Guide to the Guidelines. Distributed by Benco - KEY RESOURCE!

**EMS 110 EMT-Basic****Two Semester Course Beginning Fall Semester**

This course introduces basic emergency medical care. Topics include preparatory, airway, patient assessment, medical emergencies, trauma, infants and children, and operations. Upon completion, students should be able to demonstrate the knowledge and skills necessary to achieve North Carolina State or National Registry EMT-Basic certification.

*Registration Requirements:* Students must be 17 years old before course completion. Students must successfully pass an English placement test. This course meets two days per week for two semesters, on Monday and Wednesday from 2:10-5:00 or Tuesday and Thursday from 2:10-5:00. Class begins in Fall semester only. Class began September 2009.

**MED 110 Orientation to Medical Assisting****Course Available Fall and Spring Semesters**

This course covers the history of medicine and the role of the medical assistant in the health care setting. Emphasis is placed on professionalism, communication, attitude, behaviors, and duties in the medical environment. Upon completion, students should be able to project a positive attitude and promote the profession of medical assisting.

*Registration Requirements:* **Registration is limited to 24 students.** Students must be high school juniors or seniors. Classes are one semester long and begin in the Fall & Spring. **MED 110 will be offered via Distance Education. Access to a computer will be necessary. A mandatory meeting will be held on Monday, January 25, 2010 from 3:00-5:00 pm in the Health Sciences Building (HS), Room 422.**

*Required Text:* Delmar's Comprehensive Medical Assisting, Author: Lindh/Pooler, Publisher: Cengage Learning, 4<sup>th</sup> Edition, ISBN# 1435419146

**MLT 110 Introduction to MLT****Course Available Fall and Spring Semesters**

This course introduces all aspects of the medical laboratory profession. Topics include health care/laboratory organization, professional ethics, basic laboratory techniques, safety, quality assurance, and specimen collection. Upon completion, students should be able to demonstrate a basic understanding of laboratory operations and be able to perform basic laboratory skills.

*Registration Requirements:* **Registration is limited to 12 students.** Students must be high school juniors or seniors and have successfully completed or be currently enrolled in high school chemistry. Course offered in Spring and Fall semesters. **Classes meet Mondays from 2:00-5:00 pm in the Allied Health Building (AHB), Room 112 for lab and Wednesdays from 2:00-4:00 pm for lecture in the Health Sciences (HS) Building, Room 316. Class begins January 25, 2010.**

*Required Text:* So You are Going to Collect a Blood Specimen 12th Ed., CAP (College of American Pathologist) and Quick and Easy Medical Terminology 5th Ed., Peggy Leonard, WB Saunders ISBN# 9781416024941

**NAS 101 Nursing Assistant I****Course Available Fall and Spring Semesters**

This course introduces basic nursing skills required to provide personal care for patients, residents, or clients in a health care setting. Topics include communications, safety, patients' rights, personal care, vital signs, elimination, nutrition, emergencies, rehabilitation, and mental health. The state competency exam, required for listing as a NAI on the NC Nurse Aide Registry, information is available at [www.personvue.com](http://www.personvue.com). There is a \$92.00 fee for this exam.

*Registration Requirements:* **Registration is limited to 18 students.** Students must be high school juniors or seniors. Classes are one semester long and begin in the Spring and Fall semesters. **Class begins February 2, 2010 and ends May 5, 2010. Classes meet Mondays, Tuesdays, and Thursdays from 5:30-9:30 pm.**

*Required Text:* Mosby's Essentials for Nursing Assistants, Sorrenino/Gorek, 3rd Ed. ISBN# 0-323-03904-9

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## Wake Technical Community College Admissions Application Directions

1. Obtain a Wake Technical Community College Admissions Application from your CDC or High School Counselor. Please **do not** complete the on-line version of the Admissions Application.
2. Under "**Admissions Application**" check (✓) appropriate box. If you have been enrolled at Wake Tech before, choose "Application for Re-admission" and indicate when you were last enrolled.
3. All areas under "**Personal Information**" are required unless otherwise stated.
  - a. Social Security Number is required.
  - b. Under "Program Name" indicate "Huskin's" and the course that you will be taking (i.e. EMS, Nursing Assistant, Dental, Medical Assisting, or MLT). If you plan to take more than one Huskin's course, please indicate the courses. You do not need to list a program code.
4. Under "**Education Goals**" check (✓) the box that best describes your goal.
5. Under "**Citizenship Status**", check (✓) the appropriate box that describes your citizenship. If your citizenship status is Permanent Resident, Refugee/Asylee, or Non US Citizen, you are required to list the country that you are a citizen, your Resident Alien Card Number/Issue Date and/or your Non-Immigrant Visa Type.
6. Under "**Residency Status**", complete all questions.
7. Under "**Enrollment Information**", choose Part-Time
8. Under "**Special Information**", complete all questions.
9. Under "**Previous Education Information**" check (✓) C-Current High School Student and list the name, city and state of your school.
10. Under "**Employment Information**", complete all questions.
11. Under "**Military Information**", check (✓) "No" to all questions. You may skip the rest of the questions in this section.
12. Under "**Family Information**", check (✓) the appropriate level under "Father's Education Level", "Mother's Educational Level", and check (✓) the appropriate level **you have completed**.
13. Under "**Certification**", please read the statement and then sign and date the application. If you are under 18, you must have a Parent or Guardian sign.

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## Wake Technical Community College WCPSS Dual Enrollment/Cooperative Agreement Course Enrollment Form Directions

Student, obtain the WCPSS Dual Enrollment/Cooperative Agreement Course Enrollment Form from your CDC or High School Counselor. Please complete all areas of the form. Do not leave any information blank. If you do not know the answer to a question, please consult your CDC or Instructor who is helping you enroll in the course.

Under "Course Selection Information", list the appropriate Huskin's course name, course number, and credit requested (please see the below chart for information). Please note that the form allows you to list up to two Huskin's courses. If you are taking more than one Huskin's class, you will need to indicate both. The WCPSS Name, course number, and credit to be awarded must be indicated and is to be completed by the Base School Counselor.

Course Name	Course Number	Credit Hours
Dental Infection/Hazard Control	DEN 111	2
EMT-Basic	EMS 110	7
Orientation to Medical Assisting	MED 110	1
Introduction to MLT	MLT 110	3
Nursing Assistant I	NAS 101	7

It is up to the student to obtain the required signatures (Student, Parent/Guardian, Base School Counselor, and Base School Principal). The Cooperating Institution Official Signature is to be completed by a Wake Tech official. Once the form is complete, the student must submit it to Laura Saparilas at Wake Technical Community College, 2901 Holston Lane, Raleigh, NC 27610.

## **Important Dates to Remember: Spring 2010 Huskin's Cooperative Program**

- November 12, 2009    Orientation **Pre-registration deadline for Spring 2010.** High School representatives **must notify Laura Saporilas** of the participation level of interest for the orientation. Be prepared to give an estimated number of students who would like to attend orientation. Course offerings for Spring 2010 semester are Dental 111, Medical Assisting 110, Medical Lab Technology 110, and Nursing Assistant 101.
- November 19, 2009    Spring 2010 Orientation for all Health Sciences Huskin's Cooperative Program classes. **Mandatory for all students and WCPSS representatives. The orientation session will be held from 3:30-5:00 pm at the Health Sciences Campus in the Health Sciences Building (HS), Room 414.** During the orientation, students will be given specific information on their field of study and enrollment.
- December 4, 2009    High Schools will be contacted for class assignments and confirmation.
- Week of  
January 25, 2010    **Spring semester classes begin.**

**Health Sciences Department Contact List**

**Lee Wittmann (EMS Department Representative)**

Work# (919) 747-0147  
E-mail [lmwittmann@waketech.edu](mailto:lmwittmann@waketech.edu)

**Pam Horton (MLT Department Chair)**

Work# (919) 747-0061  
E-mail [pbhorton@waketech.edu](mailto:pbhorton@waketech.edu)

**Diane Cardamone (Nursing Assistant Department Chair)**

Work# (919) 747-0065  
E-mail [dscardamone@waketech.edu](mailto:dscardamone@waketech.edu)

**Charmaine Parker (Medical Assisting Department Chair)**

Work# (919) 747-0153  
E-mail [caparker@waketech.edu](mailto:caparker@waketech.edu)

**Trudy Clark (Dental Assisting Department Chair)**

Work# (919) 747-0027  
E-mail [tsclark@waketech.edu](mailto:tsclark@waketech.edu)

**Laura Saparilas (Curriculum Education Services)**

Work# (919) 747-0105  
Email [lksapari@waketech.edu](mailto:lksapari@waketech.edu)

**Health Science Campus Address & Contact Information:**

**Health Science Campus  
2901 Holston Lane  
Raleigh, NC 27610**

**Receptionist (919) 747-0009  
Fax (919) 250-4329**

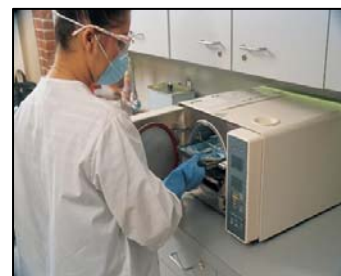
## **Dental: Infection/Hazard Control Huskin's Cooperative Program Course Offering Wake County High School Students**



The **Dental Assisting Department** at Wake Technical Community College is offering the **DEN 111 – Infection/Hazard Control** course to Wake County high school juniors and seniors through the North Carolina Huskin's Cooperative Program. The North Carolina Huskin's Cooperative Program waives tuition fees and allows for both high school and college credit. DEN 111 is a "core" course for both the dental assisting and dental hygiene programs at Wake Technical Community College. This course is required of all full-time dental assisting and dental hygiene

students during the first fall semester of their curriculum. This course is designed to introduce the infection and hazard control procedures necessary for the safe practice of patient care in a dental clinical setting. This course would benefit anyone that is considering dental assisting, dental hygiene, or dentistry as a career. The student will be introduced to the various bloodborne diseases of significant concern to dentistry, disease transmission processes, infection control procedures, how to manage biohazardous materials, sterilization procedures, the contents of the OSHA's Bloodborne Pathogen Standard and the OSHA's Hazcom Standard with the focus being employee safety by elimination and/or reduction of exposure incidents as a dental health care provider. The student needs access to the internet to meet course requirements.

Wake Technical Community College has both dental assisting and dental hygiene programs on the Health Sciences Campus located off of New Bern Avenue in Raleigh, NC. The dental assisting program is a **one year program** that offers a diploma upon graduation. Upon graduation from the dental assisting program the graduate is classified as a **DA II** by the North Carolina State Board of Dental Examiners. The graduate is also eligible to take the **CDA** exam offered by the **Dental Assisting National Board (DANB)** in order to become a **Certified Dental Assistant**. The dental hygiene program is a **two year program** that offers an Associate in Applied Science degree upon graduation. The graduate of the dental hygiene program is eligible to take the national and the state Boards in order to become a **Registered Dental Hygienist (RDH)**. Both programs are accredited by the American Dental Associations Commission on Dental Accreditation. Dental assistants and dental hygienists are in demand in the Wake County area. This course would be a great first step towards a career in dental assisting, dental hygiene, or dentistry.



**Space will fill quickly.** To find out more about the Dental Assisting Huskin's Cooperative Program Course for Wake County students, contact your local high school representative or the Dental Assisting Department at (919) 747-0027 or [tsclark@waketech.edu](mailto:tsclark@waketech.edu).

# The Emergency Medical Sciences Huskin's Cooperative Program EMT Program for Wake County High School Students



Since 1999, Wake Tech's **Emergency Medical Sciences** Department has successfully helped Wake County high school juniors and seniors to obtain their North Carolina **EMT-Basic** credentials and become Emergency Medical Technicians. Approximately 500 high school students have completed this two-semester program and are currently working in our community. Some of these students have also continued in our two-year EMS Associate Degree Program to become **paramedics**. Others have taken the knowledge that they learned at Wake Tech and found part-time employment in the communities of their colleges and

universities. Wake Tech's Emergency Medical Science Department is building strong leaders in Wake County and we would like you to become a part of this team.

The high school EMT program is possible through the North Carolina Huskin's Cooperative Program which waives tuition fees and allows for high school and college credit. The 2009-2010 EMT Program has expanded to accommodate 100 students. Half of the Wake County High Schools are already participating in this program, and Wake Tech is offering this opportunity to all Wake County high schools in 2009-2010.



The students enrolled in the EMT Huskin's Cooperative Program course will have many unique opportunities. Students will learn to **take care of critically ill and injured patients** through lecture, lab, and clinical experiences, **learn to drive an ambulance** in our EMS training vehicle, and develop strong communication skills that will last a life time. This fast-paced and challenging course is taught in a relaxed college atmosphere and requires extensive hands-on

training.

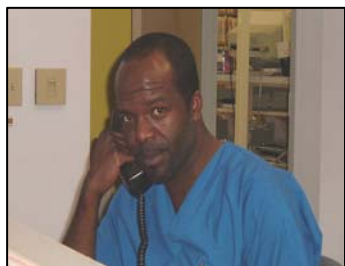
**Space will fill quickly.** To find out more about the Emergency Medical Sciences Huskin's Cooperative Program EMT Program for Wake County students, contact your local high school representative or Wake Tech EMS Department at (919) 747-0147 or [lmwittmann@waketech.edu](mailto:lmwittmann@waketech.edu).

## Medical Assisting Huskin's Cooperative Program Course for Wake County High School Students



The Medical Assisting program at Wake Technical Community College is offering its **MED 110 Orientation to Medical Assisting** course to Wake County high school juniors and seniors through the North Carolina Huskin's Cooperative Program. Provisions of the program waive tuition fees and allow the course to provide both high school and college credit.

MED 110 is an introductory course required of Medical Assistant majors in the first semester of the Medical Assisting program. The course covers the history of medicine and the role of the medical assistant in the health care setting. Emphasis is placed on professionalism, communication, attitude, behaviors, and duties in the medical environment. MED 110 will be offered as a Distance Education (Online) course. Access to a computer will be necessary. **This course has a mandatory Orientation on Monday, January 25, 2010 from 3:00 – 5:00 pm in the Health Sciences (HS) Building, Room 422.**



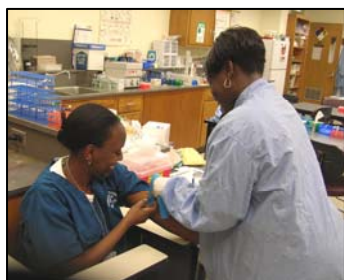
### *What's a Medical Assistant you ask?*

"He/she is a multi-skilled allied health professional, dedicated to assisting in all aspects of a medical practice under the supervision of a physician." The medical assistant assists with patient care management, executes administrative and clinical procedures, and often performs managerial and supervisory functions. Most work in physician's office, clinics or other ambulatory settings. To ensure success, students enrolling in MED 110 should possess a strong interest and aptitude for science and healthcare. Interested students should contact their high school representative.

**Space will fill quickly.** Space is limited to 24 students per semester. To find out more about the Medical Assisting Huskins Course for Wake County students, contact your local high school representative or the Wake Tech Medical Assisting Department at (919) 747-0153 or [caparker@waketech.edu](mailto:caparker@waketech.edu).

## **Introduction to Medical Laboratory Technology Huskin's Cooperative Program Course for Wake County High School Students**

The MLT Program at Wake Technical Community College is offering its MLT 110: Introduction to Medical Laboratory Technology course to Wake County high school juniors and seniors through the North Carolina Huskin's Cooperative Program. Provisions of the program waive tuition fees and allow the course to provide both high school and college credit.



MLT 110 is an introductory course required of MLT majors in the first semester of the MLT Program. The course provides a multifaceted approach to the introduction of the medical laboratory profession. Students will learn about the different branches of medical laboratory technology, the roles of various laboratory personnel, professional organizations, certification and licensure. Other topics will include lab safety, medical ethics, quality assurance, medical terminology, immunology, and specimen collection. Students will also participate in exercises to develop introductory skills and knowledge using basic lab equipment. They will

include the use of microscopes, balances, glassware and pipettes. Students will also be introduced to phlebotomy by learning to draw simulated blood from an artificial arm.

The MLT Department at Wake Tech offers an Associate Degree in Medical Laboratory Technology. Graduates are eligible to take national certification exams to become a certified Medical Laboratory Technician (MLT). Once certified, these technicians are qualified to work in a medical laboratory collecting blood samples, preparing samples for analysis, analyzing the samples, and reporting the test results to the patient's healthcare provider.



MLTs work in a variety of settings. Most work in hospital labs, while many are employed in physician's office labs, reference labs, or other clinical labs. In addition, the scope of work a MLT performs varies. A MLT may specialize in a particular branch of medical lab technology, or work as a generalist in two or more specialty areas. Some of the major specialty areas include clinical chemistry, hematology, coagulation, clinical microbiology, serology, urinalysis, and transfusion medicine.



Medical laboratory technology is an allied health profession involving applications of biology, chemistry, physics, mathematics, and healthcare. To ensure success, students enrolling in MLT 110 should possess a strong interest and aptitude for science and healthcare. Interested students should contact their high school representative.

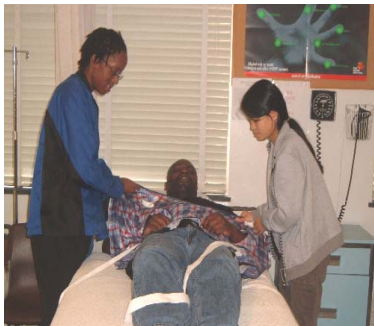
**Space will fill quickly.** To find out more about the Medical Lab Technology Huskin's Cooperative Program Course for Wake County students, contact your local high school representative or the Medical Lab Technology Department at (919) 747-0061 or [pbhorton@waketech.edu](mailto:pbhorton@waketech.edu).

# Nursing Assistant Huskin's Cooperative Program for Wake County High School Students

Since 1999, Wake Tech's **NA** Department has successfully helped Wake County high school students to obtain their North Carolina **NAI** listing with the NC Division of Health Registry Services. These students completed this one-semester program and are currently working in our community. They have taken the knowledge that they learned at Wake Tech and found employment in the local hospitals, home health agencies, and long term care facilities.



The NAI listing is truly the entry level of health care. Students whom aspire to become nurses, doctors, or any other level of health care provider are recommended to take this program to determine if health care is really the career choice for them. Upon completion, the student will have the knowledge necessary for the state competency exam.



The students enrolled in the NAI Huskin's Cooperative Program will have many unique opportunities. Students will learn **basic nursing skills** through lecture and lab then complete a 48 hour clinical experience at one of the local hospitals or long term care facilities. This fast-paced and challenging course is taught in a relaxed college atmosphere and requires extensive hands-on training.

**Space will fill quickly.** Space is limited to 18 students per semester. The class will meet three nights per week from 5:30-9:30 pm. To find out more about this Program for Wake County students, contact your local high school representative or the Nursing Assistant Department at (919) 747-0065 or [dscardamone@waketech.edu](mailto:dscardamone@waketech.edu) . For more information log on to [nursingassistant.waketech.edu](http://nursingassistant.waketech.edu).

**2009-2010  
Health Sciences Huskin's Cooperative Program  
Required Documentation for Admissions by Department**

	Wake Tech Application	Must be a Junior or Senior	Dual Enrollment Form	Physical Form	Criminal Background Check	CPR Prerequisite	Uniforms Required	DMV License or Permit Required	H.S. Chemistry prerequisite or currently taking	Social Security # Required	Placement Test Required	One Semester Course	Two Semester Course
Dental Assisting	X	X	X							X		X	
Emergency Medical Sciences	X	X	X							X	X		X
Medical Assisting	X	X	X							X		X	
Medical Lab Technology	X	X	X						X	X		X	
Nursing Assistant I	X	X	X	X	X	X	X	X		X		X	

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***Health Sciences Campus***  
***2901 Holston Lane, Raleigh, NC 27610***

**Directions to the Health Sciences Campus & Parking Information:** From the Beltline, take Exit 13A New Bern Avenue Exit and merge onto New Bern Avenue. At the second traffic light, make a left onto Sunnybrook Road. Drive about one block to the next traffic light and make a right onto Holston Lane (Health Sciences Campus). Upon turning onto campus, there should be a security guard to assist you with parking.

